

Release notes for ENDF/B Development dec-047_Ag_094m2
evaluation

ENDF
B-VII.dev

October 13, 2016

- **fizcon** Warnings:

1. We don't know the energy of the isomer in question, FIZCON should just lighten up and let science progress
MAT=1331, MF= 1, MT=451 (1): Unknown ELIS

```
ERROR(S) FOUND IN MAT=1331, MF= 1, MT=451
ELIS NOT IN RANGE 0.00000E+00 TO 3.00000E+06
```

2. Some spectrum is missing. If you can generate it, it would be good since ENDF requires this even if we can't evaluate it.
MAT=1331, MF= 8, MT=457 (3): Missing spectra

```
ERROR(S) FOUND IN MAT=1331, MF= 8, MT=457
NO DECAY SPECTRA GIVEN
```

- **fizcon** Errors:

1. FIZCON thinks it is an illegal value of nuclear spin (0 .le. SPI .le. 16)
MAT=1331, MF= 8, MT=457 (1): Bad spin

```
ERROR(S) FOUND IN MAT=1331, MF= 8, MT=457
SPI NOT IN RANGE 0.00000E+00 TO 1.60000E+01
```

2. Illegal value of RTYPE encountered
MAT=1331, MF= 8, MT=457 (2): Bad RTYPE

```
ERROR(S) FOUND IN MAT=1331, MF= 8, MT=457
7 IN RTYPE = 2.70000E+00 IS INVALID      NEAR SEQUENCE NUMBER      2
```